Allenton Mo. June 18-75.

Dr. Geo. Engelmann,

Dear Sir:

Yours of 16th inst. is received & was glad to learn that several of the plants were interesting.

Many thanks.

All the plants were found within a radius of five miles from Allenton. P. esculenta on hilly prairie spots near Franklin in Franklin Co and in similar situations 1½ or two miles south of this place in St. Louis Co. The little galium virgatum occurs on dry open grounds ½ miles north of this place. The Sanfrage Pa. and

Arabis lyrata both occur
together on the north side of
shady and very cool moist
rocks just across the
Meramec in Jefferson Co.
Both are abundant in this one
place. Hepatica triloba, ~~and~~
Liparis lilifolia and many other
plants requiring a similar habitat
occur in the same place.
Also many species of fern.
Gonolobus is not scarce, and
turning golden yellow in fall
it becomes very ornamental.
I find it generally on the
south side of dry hilly thickets
I have noted the localities of
those most interesting and should
I remain here, will collect specimens
in autumn for you.

Yours truly

Geo. D. Letterman

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec'd Jun 25th

Allenton June 24-75.

Dr. Geo. Engelmann,

Dear Sir:

Yours of yesterday is reed. I hope that you will be able to come out soon.

I yesterday found our Sanfrage growing in another place 3 miles from where I first found it. This time in St. Louis Co. on S. or left bank of Meramec. It is on rocks, as in first instance but is exposed to the sun during the greater part of the day.

On Comparison I find it to correspond well with the description of S. Forbesii, by Dr. Geo. Vasey in Vol. 2,

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

of American Entomologist
and Botanist
He omits however to state
that the stem is hollow.
I find what I think
is the Heuchera spoken
of in the same connection
growing in the same place.
Will send you the latter in
a day or two.

Yours truly
Geo. W. Letterman,

P.S. I do not remember having seen the Clematis in any of my rambles. Take advantage of the

GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

first cool day that
occurs and come out.
The Miramec is falling and
will be passable in a
few days.

G.

GEORGE ENGELMANN PAPERS

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Allenton June 29.

Dr Engelmann

Dear Sir;

I was out yesterday and send you the result of my excursion. Hereafter I shall not trouble you with green specimens, except when I think the plant rare ~~of~~ or of interest to you.

Rhamnus No. 4, may be R. Carolinianus. It grows on the high river bluffs, and not in swamps.

I know the specimens not numbered, but send

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

them, thinking that they may be of interest.

The fern, Ophioglossum found in 5 or 6 different localities of this County, and very abundant where it does occur.

I shall now give my attention to the ferns of this neighborhood, but shall press them before sending to you.

The Ivanee is still rather high but by the last of the week it will be fordable providing it don't rain more.

Yours
G. W. Letterman

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec'd July 2d

Allenton July 1st 75.

Dr Geo Engelmann.

Dear Sir,

Yours of yesterday received. Your note stating that you would be out on Wed. I gave me no inconvenience whatever.

Should you be able to come out on Sat, I will be in readiness to accompany you to the localities of most intrest. A note dropped into the St Louis P.O. about noon would reach me the next day at 10 A.M. - Sinaria Elatine is abundant on the R.R. about Glencoe, Dipsacus on the State Road in Franklin Co, and Lepea minor rather common about this place, and near Gray's Summit in Franklin Co.

Franqula bar on banks of Meramec, only two trees seen.

Aristolochia tomentosa, along the P.R.R. and Meramec banks a ½ mile this side (West) of Glencoe.

Yours Truly

Geo. W. Letterman

Mus. Bot. Gard.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec June 3d

Allenton, June 2, 1879.

My dear Friend

I have, during the last two weeks, while rambling over the hills in quest of other things, examined a good many of our hickories, and often find trees, full grown leaves with their marginal cilia, the petioles sometimes even so. The bark is very different from that of the regular forms of richer soil. The woodmen call it the black hickory, and do not regard it with much favor for it is usually small and "hard to work up." The buds, but I suppose you remember them, for I think I gave you some, are very small, the outer scales reddish and a little resinous. The specimen of the wood which you have from here shows a very rough bark even on young trees. But I believe you have no sample of the ordinary forms

for comparison, I must get you one this week. Only this morning I took a look at the tree low "rich soil" which you thought might be alba × porcina, and I find the leaves with margins still ciliate as in alba, but I have never seen full-grown alba leaves so narrow. The tree is very tall, the bark scaly like alba. On next Saturday I shall show you leaves of both our supposed hybrids.

In regard to the samples of woods for Prof Sargent as well as those yet due you, I think that in order to make the collection as complete as possible, I had better, during vacation, make another trip to Arcadia, Poplar Bluff,

and perhaps as far as Texarkana
I am told that woods cut in
July or August season very well, the
bark adhering firmly However seasoned
winter-cut logs could doubtless be
found in the neighborhood of the
saw-mills at any time.
By going down there I could get
two species of Nyssa, Ulmus alata,
crassifolia, Liquidambar Taxodium,
Liriodendron, Magnolia acuminata, Laurus phillos
palleata, aquatica and perhaps
others, I would like very much to
botanize again in that direction
and although I could not, on a
regular ticket, stop over at will, still
under the circumstances, I might be
able to procure a pass over the Iron
Mountain R. R say for six weeks
with permission to go as far as Texar-
kana, stopping at intermediate points,

I shall take along on Sat,
the six-inch specimens of woods
which have been ready for you
since winter, or if you prefer it, I
will keep them until the samples
from the larger trees can be
collected. I could supply
Prof. Sargent with about 30 kinds of
the small size at any time, from
sticks cut last winter and they
would not be likely to crack now,
for the pieces from which they
would be taken are 5 or six feet
long and have been sheltered since they were cut in the woods.
Regards to your son,

Very truly
Geo. Engelmann

MISSOURI BOTANICAL GARDEN.
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec'd Aug 4th
Ans 5

Hot Springs Ark.
Aug. 3, 1879.

My Dear Friend

Thanks for your postal of last Wednesday. I find the Cheilanthes you mention, along the water pipes, also a very hairy one near the Observatory at the summit of East Hot Springs mountain. I take it for C. tomentosa. It is much larger than the other, being, as I can see by the old fronds, when full-grown, 18 or 20 inches high & have a specimen fully 20 inches long, but the one I put in the package is a small one. I find C. vestita too. Woodward did angustifolia I saw between the leaves of the Register at the Observatory. The keeper told me where to find it in abundance. There are only two Pellaeas in this vicinity, viz: Pteroides and Atropurpurea. Of course I find a good many things besides those I send, but I have either seen them at Arcadia Poplar Bluff, or along St. Francis, I find Eryngium Baldwinii on the R. R. eight miles east of this. When I become better acquainted with the geograph of the region I expect to collect to better advantage. Of the plants I send to-day please tell me which are of most interest, and mention those of which you would like to have specimens either for yourself or friends.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

I send all these without numbers or names
fearing that, if with numbers, they would
not pass postal inspection.
I think that you will find among the
rest, Calicarpa Americana.
Iraqua macrocarpa
Eragrostis spathulata
Notholaena pendula
Adelia Acuminata
Sonolobus laevis
Leonarda punctata
Andromeda
Ludwigia, petal large, yellow
Salvia azurea dia. 4 feet high
Oxalis Stricta, a trifoliate hairy foot in
Panicum salicifolia —
Chrysopsis Mariana o
Liatris delphiniifolia o
Eragrostis virgata, utriculifolia
Pycnanthemum
Nabalgedium
Vitis vulpina
Cuscuta compacta
The ferns, I think I know.
Very truly Geo. W. Letterman

Ulmus Alata
Rhus copallina
Pyrularia
Convolvulus
Gaudula
Chei Ala.
Pometeria
pestilis
Eragrostis
Juncus Acuminatus

Dear Prof. Gray
Enclosed I send you
a few specimens
which are scientific
and common to the
Pacific coast.
Yours truly
Jose Letterman

Rec Aug 6
Answ Aug 8

Mt Pleasant, Ia.
Aug 5, 1879.

Dear Sir
Your pamphlet
upon our
Botanical
Excursion
has
been
received
and
I
appreciate
the
same
upon
account
of
the
many
beautiful
and
interesting
specimens
found
in
the
same.
I
can
find
but
two
orchids,
one
of
which
I
take
for
a
Platanthera
the
other
is
too
immature
entirely
for
me
to
suppose
the
species
of
which
comes
from
near
the
top
of
the
mountain
in
Bletia
I
would
like
to
know
where
I
could
get
them
for
him
before
I
leave
if
he
needs
them.
On
the
same
trip
I
found
what
I
suppose
is
an
Azalea,
a
Pyrus,
probably
arbutifolia,
Viburnum
nudum,
perhaps
and
a
Hypnea,
I
send
all
three
by
mail
to-day,
but
I
shall
not
trouble
you
any
more
during
this
campaign.
These
are
the
same
huckleberries
here
that
occur
at
Arcadia,
and
one
other,
a
dwarf,
black

Missouri Botanical Garden
George Engelmann Papers

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
Missouri Botanical Garden

one, it is sold on the streets and in the groceries about town. It comes from the direction of the Wachita, and as I have not yet been out that way, I have not seen the plant in a day or two I expect to go to the river and shall then look for it.

On my return I may walk from Monroe, Poisal Bluff a distance of about 20 miles so as to be able to collect in the swamps between these two places.

The Smilax is, perhaps, glauca.

Yours very truly

Geo. H. Thomas.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

I procured good pair of that
Gonolobus. the pods are 5angled,
and smooth.

Rec'd Cambridge Sept 19

No. Bot'l Gard

Clinton Mo.,
Sept. 9, 1879.

Dr. Engelmann,
My dear Friend,

I arrived home
from Arkansas on Sunday
the 31st ult.
En route back I stopped
two days at Little Rock,
and had I known more
of that section of the state,
I would have spent more of
my time there instead of
staying so long in the
barren regions about the
Hot Springs. During my short
halt at Little Rock I found
more than a whole months
sojourn at the Springs yielded,

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

However, at the latter
place I collected a good
number of fine specimens of
Woodwardia angustifolia,
Cheilanthes tomentosa,
C. Alabamensis, Adiantum
Capillus-Veneris, and
Asplenium parvulum, all
with roots. I see there is
disposition on the part of
some good authorities to
class this latter with A.
ebeneum, either as a variety
or a dwarfed state.
They both grow together on
the same rocks at the Springs,
ebeneum as tall and erect
as it is about Allenton; the
other, even in moist situations,
not more than five inches long,
often less than three, and genually
flat against the rocks.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Surely this size and habit of growth could not be produced by aridity of climate for rains are frequent in the Ozark Mt. regions of Ark. On the Ouachita eight miles from the Springs I collected about 50 good specimens of Polygonella Meisneriana. At Little Rock, among other things ~~new to me~~ I found Woodwardia angustifolia, Hydrocotyle umbellata, Rhexia Mariana, Eryngium Baldwinii, Brunichia cirrhosa, Diodia Virginica and Spilanthes repens in great numbers; also Zanthoxylum Caroliniana with good ripe seeds. At the Springs, before my departure, I managed, too, to get 4 specimens of the wood

of Castanea pumilla
Of that sticky Grindelia I
procured older specimens, and
since my return I have found
a different one here.
That Rudbeckia is now in
good condition for collection
and I have a good supply.
No body seems to be able
to get the seeds of Veratrum
Woodii to grow, Mr. Canby,
among others, tried them, but
failed. He wonders whether
it may not be a hybrid.
I think not, for there are no
other species in the vicinity, indeed
I have seen no others in the state.
Very truly yours
Geo. W. Letterman,

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

P. S.

Enclose Mr. Fendler's letter.

I fear we shall not be able to get seeds of that Grindelia, any how not this year, for late in the fall much of the locality was burned over, and gravel spread all round where it was found.

Thanks for your kind offer to examine the rest of my Arkansas plants. Of Carex there are not more than 4 or 5 species. I hope to see you next Sat. afternoon.

G. W. L.

Wood

under 3 inch diam	abt 19 pl.	at 25 c	$4 75
3–12 inches	23	75 c	17 25
12–24 "	16	1 —	16 —
over 24 "	12	2 —	24 —
	70 specimens		$62 —

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

(A Copy)

Washington, D.C., April 8th 81

Mr. Geo. W. Letterman

Dear Sir,

Your letter and the box of specimens have been received. I have examined the specimens of Carya with much interest but not as fully as I wish to. I am quite surprised at the variation in the nuts of some of the species, indeed I confess that I think that some of them must be hybrids. You send no specimens of the Pecan which I suppose grows with you, and toward which some of the specimens you call tomentosa tend very strongly. Some of the specimens marked C. porcina especially the small round ones seem to be identical with what I have called microcarpa. One thing remains to make your specimens perfectly convincing, that is, to prepare specimens of twigs bearing the mature fruit and leaves

Then there is no chance for disputation.
These make awkward herbarium specimens, but are very satisfactory when you come to a critical investigation.
I have made such specimens as fully as possible of Pines and Firs, also Oaks, Hickories &c.
I will as soon as I can get time, put up for you a package of specimens of trees &c such as I think will be acceptable to you. I thank you very much indeed for this rich contribution to our Museum.

Truly Yours
Geo. Vasey.

(Signed)

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Allenton, Mo., April 13, 1881.

Dr. Geo. Engelmann,

My Dear Sir:

With this I send a copy of a letter from Dr. Vasey

The nuts which he thinks close to the pecan are those long-pointed tomentosa from the hills. They are far from having any pecan in them. The little ones which he has heretofore called microcarpa are nothing but porcina.

It seems that the hickory nuts puzzle every body, especially those who have not been able to see the trees in all stages of growth year after years, in fact to live amongst them. Don't you think that something better than what the books now contain on the subject should be given to botanists? In case you undertake to revise the genus,

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

I should be glad to procure all the material obtainable here for you.

If you see Prof. Sargent, please tell him that Mr. Kendall of the Iron Mt. R. R. has promised to get the desired pieces of wood for us, and that Mr. Eggert will procure the Crataegus and Celtis from Illinois. The rest I am sending on as rapidly as possible. I may be able to devote next week to Census work, for I think I shall have, for the first time, to discontinue school a week or two on account of the measles.

Very truly

Ed. W. Letterman

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec Aug 7th

Dallas Tx.
Aug. 5-82

Dr. Engelmann

My dear Sir:

On my arrival here yesterday I received your letter of the 31 ult. which had been forwarded by the P. M. at Allenton.

I am indeed sorry that I had no previous knowledge of your wishes respecting the grapes, for it would have been a pleasure to me to have helped you to the extent of my ability. As it was, I stopped off at San Antonia only 6 hours.

MISSOURI BOTANICAL GARDEN · GEORGE ENGELMANN · PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

The Museum work is so urgent, and my time so short that I shall hardly be able now to go out toward El Paso.

This forenoon on the way out to Mr. Reverchon's I saw the same oak of which I sent you green spec. from Austin. I mean Quercus Sam Sabiana for it and Q. Durandii are undoubtedly one and the same. However here on the thin upland limestone soil where it is most frequent it is smaller more scrubby and more apt to send up several

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

from the same base
I have seen a few
trees in the richer
lowland woods with
good clean trunks, and
of nearly the same size
as those at Austin,
Live bark, leaf, acorn
and all, they are no
doubt the same

Mr. Reverchon lives
about 5 miles from
Dallas, west, and is very
comfortably situated.
His chief business is that
of gardener or fruit-raiser
He has a good collection
of Texas plants, also other
plants and some good
old botanical works
I shall probably leave
Dallas on the 7th inst,

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

going toward St Louis,
It will take fully a month
yet to complete the collection
of wood.

Very truly
Ged W Letterman

Sat. Jan. 20- I expected to see you to-day, the weather is too cold.
L.

Allenton, Mo. Jan. 15, 1883.

Dr. Engelmann,

Dear Sir:— Your postal of the 12th instant was received on Saturday.

I would be pleased to favor Prof. Gray, and so far as my Texas plants (of last summer's collecting) are named, I send you a hastily written list from which you can make selection both for yourself and him. Most of these have been examined by Dr. Vasey, who gives no authority, and for some of the species this I have been obliged to omit. Dr. Vasey retains or rather defers reporting on about 60 of the species until he shall be able to give them more deliberate study. Just as soon as he makes final report I shall show you the result.

At another time I shall give you a list of the grasses & trees. Having a duplicate of this list, you can make whatever disposition you choose of it.

Very truly. Geo. T. Letterman

Latin terms

Not arranged

Not by author

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN